

IN THE CLAIM:

Please cancel claim 40 without prejudice or disclaimer of the subject matter recited therein. Also, please amend claims 29-30, 34-35, 41-42, and 48-52 as follows:

Claims 1-28. (Canceled)

29. (Currently Amended) A method for providing a service to a subscriber in a network, comprising the steps of:

providing a network related information which is related to said subscriber;

generating a service message on the basis of said provided network related information; and

transmitting said service message to said subscriber,

wherein

said network related information is provided for a service provider; and

said service message is a message generated by said service provider,

said service message is transmitted to all those subscribers for which the same network related information is provided to the service provider; and

the network related information of the subscriber is transmitted in a header of a packet transmitted by the mobile station of the subscriber.

30. (Currently Amended) A method according to claim 29, wherein said network related information relates to at least one of an identity, a location, an address, and an operating state of a mobile station of the subscriber in a cellular network.

31. (Previously Presented) A method according to claim 29, wherein said service message is a local advertisement.

32. (Previously Presented) A method according to claim 29, wherein said service message is a header of an unread mail stored in a mail server.

33. (Previously Presented) A method according to claim 29, wherein said service message is a stock price change.

34. (Currently Amended) A method according to claim 30, wherein said service message is transmitted when said mobile station is reachable according to the network related information.

35. (Currently Amended) A method according to claim 30, wherein the network related information of the subscriber is transmitted by a network operator to the provider of the message in dependence on a predetermined subscriber condition.

36. (Previously Presented) A method according to claim 35, wherein said predetermined subscriber condition is a request from the subscriber.

37. (Previously Presented) A method according to claim 36, wherein said request is set by the mobile station.

38. (Previously Presented) A method according to claim 36, wherein said request is set by a network operator.

39. (Previously Presented) A method according to claim 36, wherein a network operator receives the request including a service provider address, retrieves location coordinates of the subscriber on the basis of a cell identification, and transmits the location coordinates to the service provider using the received address.

40. (Cancelled)

41. (Currently Amended) A method according to claim ~~[[40]]~~ 29, wherein the network related information is inserted by a network element in a second packet which encapsulates the packet transmitted by the mobile station.

42. (Currently Amended) A method according to claim 29, wherein the network related information of the subscriber is stored in a storing means in dependence on a predetermined subscriber condition, and wherein said storage means is accessible to the service provider.

43. (Previously Presented) A method according to claim 42, wherein the service provider reads the storing means by using a predetermined key relating to the subscriber.

44. (Previously Presented) A method according to claim 42, wherein said predetermined subscriber condition is a request from the subscriber.

45. (Previously Presented) A method according to claim 35, wherein said predetermined subscriber condition is a subscription parameter of the subscriber.

46. (Previously Presented) A method according to claim 35, wherein said predetermined subscriber condition is an activation of a predetermined supplementary service.

47. (Previously Presented) A method according to claim 35, wherein
said predetermined subscriber condition is the fact that the subscriber is located in
his home area.

48. (Currently Amended) A system for providing a service to a subscriber in a
network, comprising:

providing means for providing a network related information which is
related to said subscriber; and

control means for controlling the provision of said network related
information in dependence on a predetermined subscriber condition,
wherein

said providing means is arranged to provide said network related
information for a service provider connected to said network; and

said service provider is arranged to generate a message on the basis of said
network related information, said message being transmitted to said subscriber,

wherein

said service message is transmitted to all those subscribers for which the
same network related information is provided to the service provider; and

the network related information of the subscriber is transmitted in a header
of a packet transmitted by the mobile station of the subscriber.

49. (Currently Amended) A system according to claim 48, wherein the network related information relates to at least one of an identity, a location and an operating state of a mobile station of the subscriber in a cellular network.

50. (Currently Amended) A system according to claim 49, ~~wherein~~ comprising a ~~data-base~~ database for converting a cell identification of the mobile station into a location thereof.

51. (Currently Amended) A system according to claim 48, wherein the providing means comprises a transmitting means for transmitting the network related information of the subscriber to the service provider, wherein the control means controls the transmitting operation in dependence on the predetermined subscriber condition.

52. (Currently Amended) A system according to claim 48, wherein the providing means comprises a storing means in which the network related information of the subscriber is stored and which is accessible to the service provider, wherein the control means controls the storing operation in dependence on the predetermined subscriber condition.

53. (Previously Presented) A system according to claim 48, wherein said predetermined subscriber condition is a request from the subscriber.

54. (Previously Presented) A system according to claim 48, wherein said predetermined subscriber condition is a subscription parameter of the subscriber.

55. (Previously Presented) A system according to claim 48, wherein said predetermined subscriber condition is an activation of a predetermined supplementary service.

56. (Previously Presented) A system according to claim 48, wherein said predetermined subscriber condition is the fact that the subscriber is located in his home area.